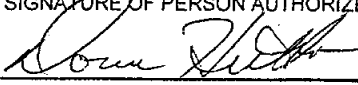



FEDERAL EMERGENCY MANAGEMENT AGENCY		PAGE	OF
INTERAGENCY AGREEMENT		1	5
1. INTERAGENCY AGREEMENT NO. EME-2003-IA-0298		2. EFFECTIVE DATE	
3. PROJECT/REQUISITION NO. E346152Y		4. ISSUED BY National Emergency Training Center Satellite Procurement Office S. Jane Huwig-Leister 16825 South Seton Avenue Emmitsburg MD 21727	
5. NAME, TITLE, PHONE NUMBER OF EACH GOVERNMENT PROJECT OFFICER FOR BOTH AGENCIES  ROBERT MCCARTHY, 301-447-1130 (FEMA PO)		6. AGENCY PERFORMING SERVICE U. S. CONSUMER PRODUCT SAFETY COMMISSION ATTN: WILLIAM KING EAST WEST TOWERS 4330 EAST WEST HIGHWAY, SUITE 600 BETHESDA MD 20814	
7. PROJECT TITLE FIRE SAFE STOVES			
8. PROJECT OBJECTIVE  Monitor contract with Arthur D. Little, Inc., to identify sensor and control system technologies for both preventing unattended cooking fires and preventing food ignition and to participate in the standards technical panel with Underwriters Laboratories, Inc.			
9. PERFORMANCE PERIOD OF AGREEMENT 12 months from effective date of award			
10. ACCOUNTING AND APPROPRIATION DATA See Continuation Sheet		11. DOLLAR VALUE OF AGREEMENT \$75,000.00	
12. FUNDING (The Federal Emergency Management Agency agrees to advance/reimburse funds up to the dollar amount of this agreement, upon receipt of a properly executed Standard Form 1080 or 1081. The appropriate form must be executed in original and six copies, be identified with agreement number and accounting data, and transmitted to the following office for funds action.)  National Emergency Training Center Budget and Finance, E-104 16825 South Seton Avenue Emmitsburg, MD 21727 ALC: 70-07-0004  FEMA shall reimburse the Agency cited in Block 6 of this form for expenses incurred in providing the requested services with the exception of those that may be caused by administrative error of the agency cited in Block 6 (for example, payment of interest to contractors due to late payment)  (Any funds not utilized for the performance of the work described in this agreement must be returned to the Federal Emergency Management Agency.)			
13. PURSUANT TO THE AUTHORITY OF Federal Fire Prevention and Control Act of 1974 (P.L. 101-391)  (The Federal Emergency Management Agency may enter into this agreement. the person executing this agreement has a written delegation of authority to do so on behalf of the agency.)			
14. SIGNATURE OF PERSON AUTHORIZED TO SIGN 		16. SIGNATURE OF PERSON AUTHORIZED TO SIGN 	
15. TYPE NAME, TITLE OF PERSON AUTHORIZED TO SIGN Donna Hutton, Contracting Officer CONSUMER PRODUCT SAFETY COMMISSION		17. TYPE NAME, TITLE OF PERSON AUTHORIZED TO SIGN Bryan S. McCreary Contracting Officer FEDERAL EMERGENCY MANAGEMENT AGENCY	

## CONTINUATION PAGE

## A.1 PRICE/COST SCHEDULE

ITEM NO.	DESCRIPTION OF SUPPLIES/SERVICES	QTY	UNIT	UNIT PRICE	AMOUNT
0001	Fire Safe Stoves-IA w/CPSC	1	Each	\$75,000.00	\$75,000.00
	FUNDING/REQ NO: 01:		\$75,000.00	E346152Y	
			GRAND TOTAL ---		\$75,000.00
					=====

## ACCOUNTING AND APPROPRIATION DATA:

ACRN APPROPRIATION	REQUISITION NUMBER	AMOUNT
01 2003-03 -6200RA-6200 -E64014-2589-D	E346152Y F	\$75,000.00

CPSC ACCOUNTING AND APPROPRIATION DATA:

03 PS EXOB 4400 21725 252b	\$75,000.00
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**ARTICLES**  
INTERAGENCY AGREEMENT EME-2003-IA-0298

I. PURPOSE

The Consumer Product Safety Commission (CPSC) and the Federal Emergency Management Agency (FEMA), United States Fire Administration (USFA), hereby enter into an agreement for a Fire Safe Stoves Project.

II. AUTHORITY

The Federal Fire Prevention and Control Act of 1974 (P.L 101-391).

III. STATEMENT OF WORK AND SCHEDULE OF DELIVERABLES

The statement of work is included as Attachment 1 to this Interagency Agreement.

IV. ADMINISTRATION

Administration of this requirement is the responsibility of CPSC. CPSC will monitor contract performance and perform other program management functions.

V. PROJECT OFFICIALS

A. ROLES

1. The Project Manager (PM) is designated by the Servicing Agency and shall be that agency's principal official involved in the project. The PM is responsible for assuring performance of the services outlined in this Interagency Agreement and compliance with all its provisions. His/her primary interaction with the Requesting Agency for technical guidance shall be with the Project Officer.
2. The Project Officer (PO) shall be an official of the Requesting Agency. The PO designated by FEMA shall be responsible for the review and monitoring of the tasks prescribed in the Statement of Work. The Project Officer does not have the authority to alter any obligations under this Interagency Agreement. He/She is not authorized to make any representations or commitments of any kind on behalf of the CO for the Requesting Agency. Any circumstances, which may arise requiring a change in the terms of this Interagency Agreement, shall be referred to the CO by the PO with his/her analysis and recommendations. The CO shall retain final authority to implement any changes to this Interagency Agreement.

3. The Contracting Officer (CO) has full authority to negotiate, administer and execute all business matters of this Interagency Agreement. Further, should any changes to the scope, budget, schedule, or any other terms of the agreement become necessary, only the CO shall have the authority to amend the Interagency Agreement.

B. IDENTIFICATION

1. The Project Manager is: Andrew Trotta  
(301) 504-0508 ext.1341
2. The Project Officer is: Robert McCarthy  
(301) 447-1130
3. The Contracting Officer is: Bryan S. McCreary  
(301)-447-1058

VI. ON-CAMPUS HOUSING

Dormitory rooms are available to CPSC and CPSC's contractors for overnight housing when such personnel are required to be on campus at the NETC for meetings or the conduct of training activities. The room(s) is/are provided at no cost to the Contractor. CPSC shall notify the Project Officer of housing requirements as soon as they are known to allow a reasonable time for arrangements to be made. FEMA Policy states that all persons staying on campus for more than one night are required to purchase a meal ticket from the campus cafeteria for each day they are on campus. If a meal ticket is not purchased, the individual will be asked to leave campus and acquire housing at his/her own expense.

VII. FUNDING

The Federal Emergency Management Agency agrees to transfer funds to CPSC to be used to provide personnel, equipment, materials and logistical support to perform the work necessary to support this requirement. The work shall be performed in accordance with the tasks specified in the statement of work.

VIII. PERIOD OF PERFORMANCE

The period of performance for this Interagency Agreement is 12 months from the effective date.

IX. CANCELLATION OF THE INTERAGENCY AGREEMENT

Termination of this Agreement may be effected by either party upon 60 days written notice.

X. CONTENT OF THE INTERAGENCY AGREEMENT

This Interagency Agreement number EME-2003-IA-0298 consists of the following:

- A. Cover page, FEMA Form 40-3, Interagency Agreement.
- B. Schedule of Articles I through X.
- C. Attachment 1 - Statement of Work.

July 10, 2003

## Scope of Work

### Fire-Safe Stoves

Cooking fires are the most common cause of residential fire injuries, and one of the leading causes of fatal residential fires. Range (i.e. cook-stove) fires are the leading cause of fires and fire injuries of all products under CPSC's jurisdiction. Cooking fires usually occur when cooking materials (i.e. food, grease, cooking oil, etc.) become overheated and ignite.

Previous efforts on this Project have developed and tested prototype electric and gas stoves that will detect a fire before visible flame occurs. These tests have shown it is possible to prevent ignition of cooking materials on stove-tops by controlling burner heat output, with minimal interference with normal cooking processes. A recently completed study for CPSC by the research firm Arthur D. Little, Inc., made possible in part with past USFA funding, reviewed the technical, practical and manufacturing feasibility of technologies to address surface cooking fires. The report showed that there are a number of technologies available to prevent food ignition or extinguish a fire. Sensors to detect pan-contact temperature offer great promise, but will require 2 to 3 years of extensive development to address reliability and durability issues. Also, known pan contact sensors will not work on a glass cooktop.

In FY01, utilizing USFA resources, CPSC contracted for a study to identify temperature measurement technologies that could be used on electric-powered ceramic glass cooktops that could interface with a control system to prevent cooking fires. In FY02, again with USFA resources, CPSC contracted for a research effort to test several temperature measurement concepts on glass cooktops.

In FY03, staff will continue to support the effort to address the feasibility of modifying range designs to address cooking fires through development of requirements for industry voluntary standards. Ceramic glass cooktops will remain a focus and a follow-up contract to cover open issues raised by the FY02 research effort will be executed. CPSC staff will actively participate in the voluntary standards development effort and, using USFA resources, travel to meetings, purchase materials, and conduct validation tests that may arise.

This Task will be funded at \$75,000 in FY 2003.

### General Provisions:

CPSC will produce an informal report (memorandum) for this effort, documenting the work done and conclusions reached. CPSC will also provide USFA with brief bimonthly reports covering activities and accomplishments, expenditures, plans, and problems encountered or anticipated.

**Deliverables:**

Any formal deliverables (i.e., reports, documents) created as a result of this Interagency Agreement shall be done in compliance with Federal "plain English" policies, directives, etc.

Any formal deliverables must be submitted in the following format:

Two copies of a color laser proof, error free final of this final deliverable/documents to the USFA Project Officer before 30 days prior to the completion of this project. The final document shall be submitted in the following manner for both Print and Web Publishing as well:

**Print Publishing:**

FEMA guidelines established shall be followed; deliverables prepared as described in InfoGram #00-08 dated April 17, 2000. Preferred desktop publishing programs are QuarkXpress or Adobe Pagemaker; for illustrations, use Adobe Illustrator or Macromedia Freehand. For image manipulation, use Adobe Photoshop. Files shall be preflighted. A completed GPO Form 952 shall be submitted for all files.

A PDF Press Optimized file shall be prepared.

All files shall be placed on a CD-ROM or Iomega Zip Disk formatted for PC.

**Web Publishing:**

The technical standards described in *36 CFR Part 1194.22 Electronic and Information Technology Accessibility Standards*, Part 1194.22, Subpart B – Technical Standards, *Web-Based Intranet and Internet Information and Applications* (Volume 65 No. 246, Page 80525 – December 21, 2000, and the Department of Justice guidance document *Web-based Intranet and Internet Information and Applications* (6/21/01), per the following guidance available at the following U.S. Department of Justice web page: <http://www.access-board.gov/sec508/guide/index.htm> shall be followed.

Deliverables shall be submitted in HTML, PDF and Word 2000 formats.

HTML. HTML files shall, at a minimum, pass WAI Priority One accessibility and validate to HTML 4.01 and CSS 2.0.

PDF (screen optimized). Tagged PDF files shall be created with Acrobat 5.0 and reviewed using the Acrobat Accessibility Checker and screen reader software to

ensure they are properly tagged and fully accessible. PDF files shall be considered optimized for accessibility if they contain:

- a logical reading order;
- alternate text descriptions for images;
- scanned documents with accessible text. Hard copy pages scanned to PDF must be saved as Image+Hidden Text, optically recognized, and tagged;
- security (if used) with accessible text;
- links and navigational aids. Include bookmarks for all items in the table of contents and hypertext links on references to web site addresses, e-mail addresses, tables of content, figures and tables;
- and a specified document language.

Word 2000. Styles shall be used to format text such as titles, headings and paragraphs. Alternate text shall be placed on all images.

If an audio/video file is to be posted, the file shall contain closed-captioning or a script containing the text of the audio shall be provided in Text, HTML or Word 2000 format.

Content that requires a browser plug-in, such as Macromedia's Flash, shall be authored to meet the technical standards of 36 CFR Part 1194.22.

All files shall be placed on a CD-R:OM or Iomega Zip Disk formatted for PC.

#### Other Printing Requirements

All printed camera-ready materials shall be produced at not less than 1200 dots per inch output. All images, e.g., photographs and illustrations, shall be error free and require no changes.